

Title (en)
DEVICE FOR PRODUCING MICROALGAE

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON MIKROALGEN

Title (fr)
DISPOSITIF DE PRODUCTION DE MICROALGUES

Publication
EP 3880783 A1 20210922 (FR)

Application
EP 19802177 A 20191114

Priority
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• EP 2019081386 W 20191114

Abstract (en)
[origin: CA3118469A1] The invention relates to a device (10) for producing microalgae, comprising a basin (12) containing an aqueous medium and a movable support (14) capable of receiving a cell culture made up of algae cells, which movable support is immersed at least partially in the aqueous medium and has at least a first portion and a second portion, characterised in that the movable support is arranged in the basin such that the first portion is exposed directly to a main light source (18) and forms an exposure section (24), and the second portion is not exposed directly to the main light source (18) and forms an inhibition section (26), the device (10) further comprising a secondary light source (28) designed to emit actinic light in the direction of the inhibition section (26) so as to inhibit the pigment synthesis of at least some of the algae cells. The invention also concerns a method for producing microalgae.

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